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=> fil cap
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FILE COVERS 1907 - 17 Oct 2007  VOL 147 ISS 17
FILE LAST UPDATED: 16 Oct 2007  (20071016/ED)

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http://www.cas.org/infopolicy.html

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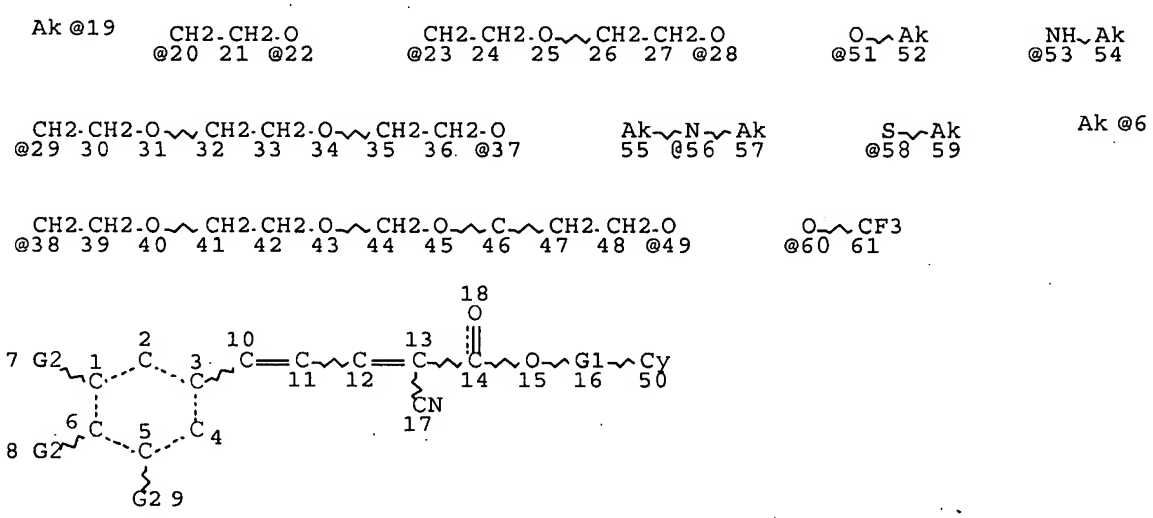

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NODE ATTRIBUTES:
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CONNECT IS E1  RC AT  52
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GGCAT   IS LIN  LOC  SAT  AT  19
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GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  62

STEREO ATTRIBUTES: NONE
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=> d l22 ibib abs hitstr tot

L22  ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2005:1075808  CAPLUS  Full-text
DOCUMENT NUMBER:          143:346899
TITLE:                    Preparation of styrylacrylonitrile derivatives as
                          modulators of cell
                          proliferation
INVENTOR(S):              Roifman, Chaim M.; Demin, Peter;
                          Freywald, Andrew; Grunberger, Thomas;
                          Rounova, Olga; Sharfe, Nigel
PATENT ASSIGNEE(S):       HSC Research and Development Limited Partnership, Can.
SOURCE:                   PCT Int. Appl., 181 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
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     WO 2005092904         A1    20051006    WO 2005-CA423           20050322
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
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LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,
SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG

CA 2560584	A1	20051006	CA 2005-2560584 20050322
EP 1727822	A1	20061206	EP 2005-729066 20050322

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR

PRIORITY APPLN. INFO.:
US 2004-556972P P 20040326
US 2005-649211P P 20050202
WO 2005-CA423 W 20050322

OTHER SOURCE(S): MARPAT 143:346899

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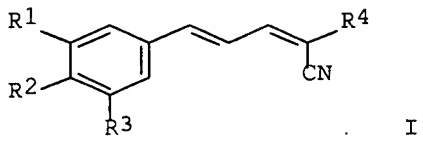

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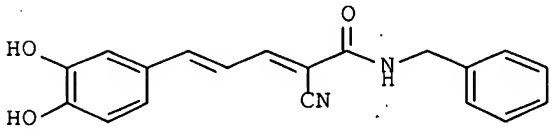


II

AB Title compds. I [R1 and R2 independently = H, OH, alkoxy, etc.; R3 = H, NH2, SH, etc.; R4 = NH2, NH-alkyl, P(O)(OH)2, etc.] and their pharmaceutically acceptable salts, are prepared and disclosed as modulators of cell proliferation. Thus, e.g., II was prepared by amidation of Me cyanoacetate with benzylamine followed by coupling with 3,4-dimethoxycinnamaldehyde (preparation given) and subsequent demethylation. The activity of II towards killing of Ly-MN cells was evaluated and it was found that it significantly inhibited cell proliferation and survival at nanomolar doses, and effected a inhibition by 2.5 μM. I as modulator of cell proliferation should prove useful in the treatment of a variety of cancers such as leukemia and lymphoma. Pharmaceutical compns. comprising I are disclosed.

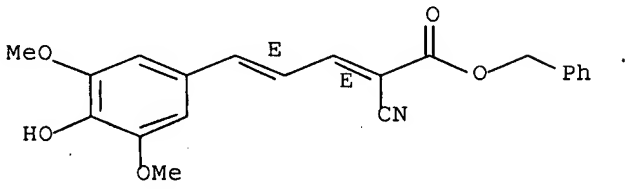
IT 569343-54-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of styrylacrylonitrile derivs. as modulators of cell proliferation)

RN 569343-54-0 CAPLUS

CN 2,4-Pentadienoic acid, 2-cyano-5-(4-hydroxy-3,5-dimethoxyphenyl)-,

phenylmethyl ester, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:120874 CAPLUS Full-text
DOCUMENT NUMBER: 142:197698
TITLE: Preparation of arylcyanopentadienoates as modulators of cell proliferation
INVENTOR(S): Roifman, Chaim M.; Demin, Peter; Rounova, Olga; Grunberger, Thomas; Cimpean, Octavian Laurand
PATENT ASSIGNEE(S): The Hospital for Sick Children, Can.
SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005012234	A1	20050210	WO 2004-CA1431	20040730
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2533287	A1	20050210	CA 2004-2533287	20040730
EP 1654220	A1	20060510	EP 2004-738022	20040730
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
US 2007197660	A1	20070823	US 2006-566815	20061204
PRIORITY APPLN. INFO.:			US 2003-491109P	P 20030730
			WO 2004-CA1431	W 20040730

OTHER SOURCE(S): CASREACT 142:197698; MARPAT 142:197698
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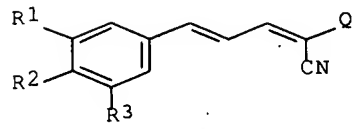


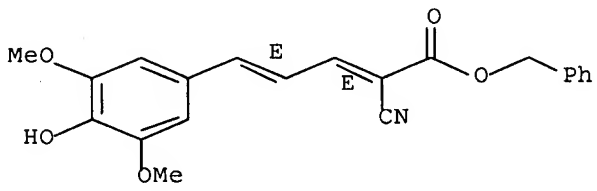
I

AB Title compds. [I; Q = CO2XR4, SO2R5; R1, R2, R3 = H, OH, alkyl, alkoxy, alkylcarbonyloxy, amino, alkylcarbonylamino, SH, alkylthio, NO2, CF2, OCF3, halo, etc.; R4 = (substituted) aryl; R5 = alkyl, (substituted) Ph, pyridyl; X = (CH2CH2O)n, (CH2)n; n = 1-4; with provisos], were prepared Thus, 2-(4-chlorobenzenesulfonyl)-5-(3,4-dihydroxyphenyl)penta-2E,4E- dienenitrile (CRVIII-51) (preparation via Knoevenagel reaction outlined) killed Z119 acute lymphoblastic leukemia cells with IC50 = 0.23 μM.

IT 569343-54-0P 569343-56-2P 569343-66-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(claimed compound; preparation of arylcyanopentadienoates as modulators of cell proliferation)

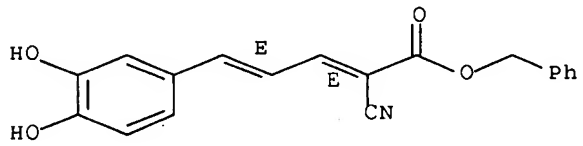
RN 569343-54-0 CAPLUS
CN 2,4-Pentadienoic acid, 2-cyano-5-(4-hydroxy-3,5-dimethoxyphenyl)-, phenylmethyl ester, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



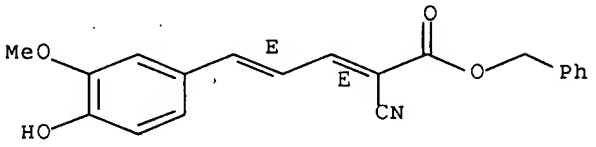
RN 569343-56-2 CAPLUS
CN 2,4-Pentadienoic acid, 2-cyano-5-(3,4-dihydroxyphenyl)-, phenylmethyl ester, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



RN 569343-66-4 CAPLUS
CN 2,4-Pentadienoic acid, 2-cyano-5-(4-hydroxy-3-methoxyphenyl)-, phenylmethyl ester, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:591138 CAPLUS Full-text
DOCUMENT NUMBER: 139:133348
TITLE: Preparation of arylpentadienoates for modulating cell proliferation
INVENTOR(S): Roifman, Chaim M.; Demin, Peter; Grunberger, Thomas; Rounova, Olga; Cimpean, Octavian Laurand
PATENT ASSIGNEE(S): The Hospital for Sick Children, Can.
SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2003062190	A1	20030731	WO 2003-CA32		20030117
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
CA 2473763	A1	20030731	CA 2003-2473763		20030117
EP 1467967	A1	20041020	EP 2003-700255		20030117
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
BR 2003007000	A	20041103	BR 2003-7000		20030117
GB 2401363	A	20041110	GB 2004-18331		20030117
GB 2401363	B	20051012			
JP 2005515252	T	20050526	JP 2003-562074		20030117
CN 1633411	A	20050629	CN 2003-804064		20030117
US 2005085538	A1	20050421	US 2004-501699		20040716
MX 2004PA06920	A	20050617	MX 2004-PA6920		20040716
IN 2004DN02049	A	20070406	IN 2004-DN2049		20040716
PRIORITY APPLN. INFO.:			US 2002-349214P	P	20020118
			US 2002-349215P	P	20020118
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			WO 2003-CA32	W	20030117

OTHER SOURCE(S): MARPAT 139:133348
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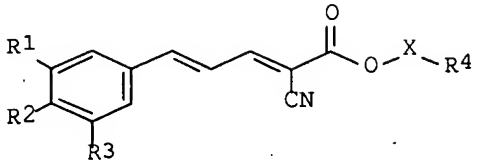

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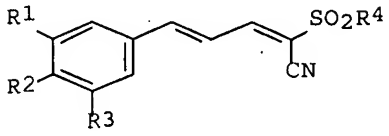


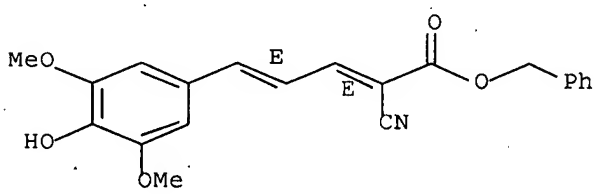
II

AB Title compds. I and II [R1-R3 = H, OH, alkyl, alkoxy, (un)substituted NH2, SH, alkylthio, NO2, CF3, OCF3, halo; R4 = (un)substituted aryl; X = (CH2CH2O)n, (CH2)n; n = 1-4] were prepared Thus, 3,4- (Me3CMe2SiO)2C6H3CH:CHCH2OH was oxidized and desilylated to give caffeoylaldehyde which was treated with benzyl cyanoacetate to give I [R1, R2 = OH, X = CH2, R3 = H, R4 = Ph] which had IC50 for inhibition of AML-3 acute myeloid leukemia in vitro of 0.09 μM.

IT 569343-54-0P 569343-56-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of arylpentadienoates for modulating cell proliferation)

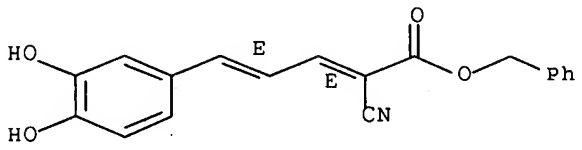
RN 569343-54-0 CAPLUS
CN 2,4-Pentadienoic acid, 2-cyano-5-(4-hydroxy-3,5-dimethoxyphenyl)-, phenylmethyl ester, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



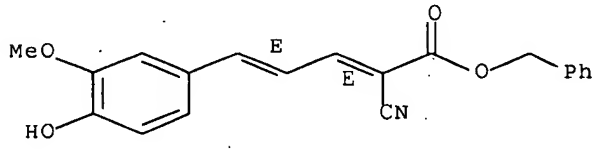
RN 569343-56-2 CAPLUS
CN 2,4-Pentadienoic acid, 2-cyano-5-(3,4-dihydroxyphenyl)-, phenylmethyl ester, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



IT 569343-66-4P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of arylpentadienoates for modulating cell proliferation)
RN 569343-66-4 CAPLUS
CN 2,4-Pentadienoic acid, 2-cyano-5-(4-hydroxy-3-methoxyphenyl)-, phenylmethyl ester, (2E,4E)- (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:180915 CAPLUS Full-text
DOCUMENT NUMBER: 134:215000
TITLE: Method of forming liquid crystal display orientation film without rubbing process
INVENTOR(S): Sakai, Takeya; Uetsuki, Masao; Kawatsuki, Yoshihiro
PATENT ASSIGNEE(S): Hayashi Telempu Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001066605	A	20010316	JP 1999-242421	19990830
TW 500747	B	20020901	TW 2000-89100508	20000114
US 6696114	B1	20040224	US 2000-484698	20000118
KR 2000053526	A	20000825	KR 2000-2339	20000119
PRIORITY APPLN. INFO.:			JP 1999-9997 A	19990119
			JP 1999-74898 A	19990319
			JP 1999-223916 A	19990806
			JP 1999-242421 A	19990830
			JP 1999-300455 A	19991022

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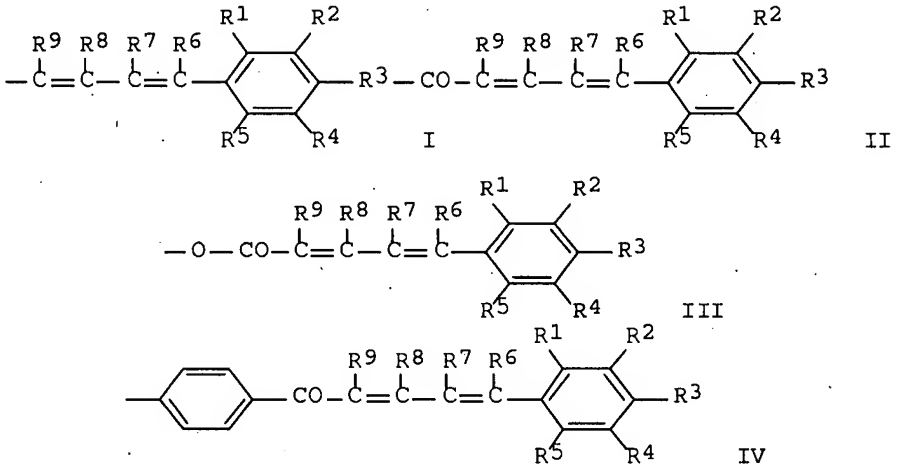


AB The process comprises the steps of (1) applying a polymer having a repeating unit I, II, III, or IV (R1-5 = H, halo, methoxy, alkyloxy; R6-9 = H. CN, Ph, phenoxy, Me alkyl, methoxy, alkyloxy) on a substrate and (2) obliquely irradiating the polymer film with polarized light. The process without a rubbing process eliminated the generation of dusts.

IT 328309-03-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(method of forming liquid crystal display orientation film without rubbing process)

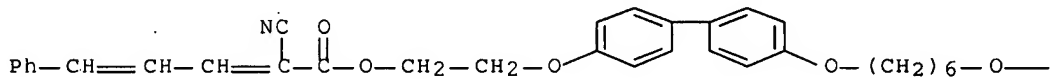
RN 328309-03-1 CAPLUS

CN 2,4-Pentadienoic acid, 2-cyano-5-phenyl-, 2-[[4'-[[6-[(2-methyl-1-oxo-2-propenyl)oxy]hexyl]oxy][1,1'-biphenyl]-4-yl]oxy]ethyl ester, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 328309-02-0
CMF C36 H37 N O6

PAGE 1-A



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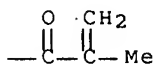

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 @29 30  31  32  33  34  35  36 @37      55 @56 57      @58 59

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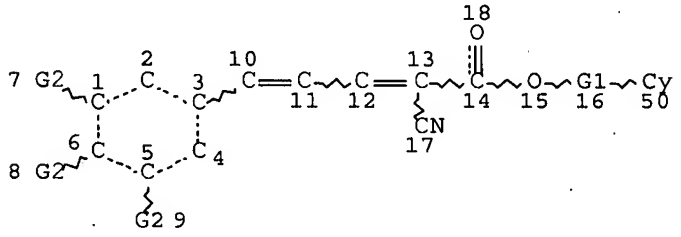


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Page 1-B
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NUMBER OF NODES IS  62

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L23  ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2006:232306  CAPLUS  Full-text
DOCUMENT NUMBER:          144:292410
TITLE:                    Conjugated arylalkenyl nitriles as modulators
                          of abnormal cell proliferation,
                          their preparation, pharmaceutical compositions, and
                          use in therapy
INVENTOR(S):              Roifman, Chaim; Demin, Peter;
                          Rounova, Olga; Grunberger, Tom
PATENT ASSIGNEE(S):       The Hospital for Sick Children, Can.
SOURCE:                   U.S. Pat. Appl. Publ., 17 pp.
                          CODEN: USXXCO
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.            KIND   DATE        APPLICATION NO.      DATE
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     US 2006058297          A1    20060316    US 2004-940009       20040914
     CA 2580601             A1    20060323    CA 2005-2580601      20050914
     WO 2006029515          A1    20060323    WO 2005-CA1394       20050914
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PRIORITY APPLN. INFO.:                        US 2004-940009       A  20040914
                                              WO 2005-CA1394       W  20050914

OTHER SOURCE(S):          MARPAT 144:292410
GI
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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to conjugated nitriles I and II, which are modulators of abnormal cell proliferation, including cancer. In compds. I and II; X is H or halo; R1, R2, and R3 are independently selected from H, OH, C1-6 alkyl, C1-6 alkoxy, C2-7 acyloxy, NH2, C1-6 alkylamino, etc.; R4 is C(O)R5, C(S)R5, SO2-aryl, NH2, NH-C1-6 alkyl, etc.; R5 is OH, NH2, C1-6 alkoxy, aryloxy, arylamino, aryl-C1-6 alkyl-amino, C1-6 alkyl, etc.; A is a bond or ethenylene; B is a bond, phenylene, or pyridinylene; and Ar is Ph, pyridinyl, pyrazinyl, pyrimidinyl, imidazolyl, furyl, or thienyl, optionally substituted with 1-4 substituents; provided that when A is ethenylene, X is H. The invention also relates to the preparation of I and II, pharmaceutical compns. comprising a compound I or II, together with a pharmaceutically acceptable carrier, as well as to the use of the compns. for modulating abnormal cell proliferation, including cancer. Amidation of Me cyanoacetate with veratrylamine (3,4-dimethoxybenzylamine) and demethylation gave cyanoacetamide III, which underwent Knoevenagel condensation with (Z)-IV, resulting in the formation of (E,Z)-arylalkenyl nitrile V. The compds. of the invention are modulators of abnormal cell proliferation, e.g., compound V expresses an IC50 value of less than 125 nM towards Z119 acute lymphoblastic leukemia cells.

L23 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:231410 CAPLUS Full-text
DOCUMENT NUMBER: 144:292409
TITLE: Phenylpentadienamides as modulators of abnormal cell proliferation, their preparation, pharmaceutical compositions, and use in therapy
INVENTOR(S): Roifman, Chaim; Demin, Peter; Rounova, Olga; Grunberger, Tom
PATENT ASSIGNEE(S): The Hospital for Sick Children, Can.
SOURCE: U.S. Pat. Appl. Publ., 10 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006058554	A1	20060316	US 2004-940010	20040914
US 7202383	B2	20070410		
CA 2580979	A1	20060323	CA 2005-2580979	20050914
WO 2006029516	A1	20060323	WO 2005-CA1395	20050914
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EP 1807386	A1	20070718	EP 2005-784997	20050914

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US 2007185123 A1 20070809 US 2007-723261 20070319
PRIORITY APPLN. INFO.: US 2004-940010 A 20040914
WO 2005-CA1395 W 20050914

OTHER SOURCE(S): CASREACT 144:292409; MARPAT 144:292409

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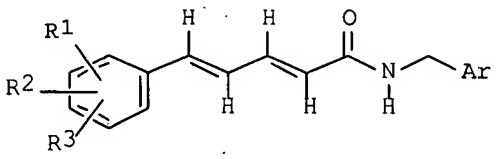

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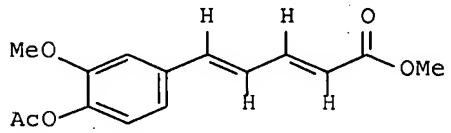

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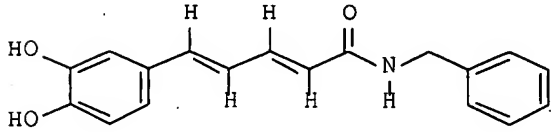

III

AB The invention relates to 5-phenylpentadienamides I, which are modulators of abnormal cell proliferation, including cancer. In compds. I; R1, R2, and R3 are independently selected from H, OH, halo, C1-6 alkyl, C1-6 alkoxy, C2-7 acyloxy, NH2, C1-6 alkylamino, etc.; and Ar is (un)substituted aryl or (un)substituted heteroaryl; including salts and solvates thereof. The invention also relates to the preparation of I, pharmaceutical compns. comprising a compound I, together with a pharmaceutically acceptable carrier, as well as to the use of the compns. for modulating abnormal cell proliferation, including cancer. Wittig reaction of (E)-4-acetoxy-3-methoxycinnamaldehyde with Me (triphenylphosphoranylidene)acetate gave (E,E)-phenylpentadienoate II, which underwent hydrolysis, amidation with benzylamine and demethylation to give (E,E)-phenylpentadienamide III. The compds. of the invention are modulators of abnormal cell proliferation, e.g., compound III expresses an IC50 value of 0.46 μM towards Z119 acute lymphoblastic leukemia cells.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:780841 CAPLUS Full-text
DOCUMENT NUMBER: 135:318329
TITLE: Novel compounds for modulating cell proliferation
INVENTOR(S): Roifman, Chaim M.; Grunberger, Thomas; Rounova, Olga; Demin, Peter; Sharfe, Nigel

PATENT ASSIGNEE(S): Hsc Research and Development Limited Partnership, Can.
SOURCE: PCT Int. Appl., 100 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2001079158	A2	20011025	WO 2001-CA516		20010412
WO 2001079158	A3	20020131			
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CA 2406160	A1	20011025	CA 2001-2406160		20010412
AU 200148201	A	20011030	AU 2001-48201		20010412
EP 1272457	A2	20030108	EP 2001-921087		20010412
EP 1272457	B1	20060823			
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GB 2378948	A	20030226	GB 2002-26316		20010412
GB 2378948	B	20041110			
US 2003109502	A1	20030612	US 2001-834728		20010412
US 6800659	B2	20041005			
JP 2003531133	T	20031021	JP 2001-576760		20010412
BR 2001010087	A	20040217	BR 2001-10087		20010412
RU 2277531	C2	20060610	RU 2002-127415		20010412
AT 337296	T	20060915	AT 2001-921087		20010412
EP 1752446	A2	20070214	EP 2006-17078		20010412
EP 1752446	A3	20070321			
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IN 2002DN00999	A	20050128	IN 2002-DN999		20021007
MX 2002PA10089	A	20040819	MX 2002-PA10089		20021011
HK 1052496	A1	20061110	HK 2003-104797		20030707
US 2004072803	A1	20040415	US 2003-240740		20031027
US 7012095	B2	20060314			
US 2004209845	A1	20041021	US 2004-803607		20040317
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			EP 2001-921087	A3	20010412
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			WO 2001-CA516	W	20010412

OTHER SOURCE(S): MARPAT 135:318329

AB Novel styrylacrylonitrile compds. which are useful in treating a variety of cell proliferative disorders such as cancer are disclosed. Thus, (E,E)-2-(benzylaminocarbonyl)-3-(3,4- dimethoxystyryl)acrylonitrile, prepared in 62% yield by condensation of 3,4-dimethoxycinnamaldehyde with N-(cyanoacetyl)benzylamine, was demethylated with BBr3 to give 55% (E,E)-2-(benzylaminocarbonyl)-3-(3,4- dihydroxystyryl)acrylonitrile, useful in treating a variety of cell proliferative disorders. Approx. 30 other styrylacrylonitriles were similarly prepared

L23 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:507754 CAPLUS Full-text
DOCUMENT NUMBER: 135:91546
TITLE: Methods of modulation of the immune system
INVENTOR(S): Roifman, Chaim M.; Freywald, Andrew; Sharfe, Nigel; Grunberger, Thomas; Grunebaum, Eyal
PATENT ASSIGNEE(S): The Hospital for Sick Children, Can.
SOURCE: PCT Int. Appl., 68 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2001049743	A2	20010712	WO 2001-CA4		20010105
WO 2001049743	A3	20020418			
WO 2001049743	A9	20021205			
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EP 1246637	A2	20021009	EP 2001-901074		20010105
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US 2003113328	A1	20030619	US 2002-169520		20021026
US 7205113	B2	20070417			
US 2007218070	A1	20070920	US 2007-712995		20070302
PRIORITY APPLN. INFO.:			US 2000-174710P	P	20000106
			WO 2001-CA4	W	20010105
			US 2002-169520	A3	20021026

AB Manipulation of the EphB6 receptor and its active Eph partners allow for regulation of T cell responses, including TCR signalling, T cell proliferation, and induction of T cell death. Methods of modulating EphB6 are described as well as various therapeutic applications.

L23 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:568578 CAPLUS Full-text
DOCUMENT NUMBER: 109:168578
TITLE: Functional differences between immunoglobulins M and D expressed on the surface of an immature B-cell line
AUTHOR(S): Tisch, Roland; Roifman, Chaim M.; Hozumi, Nobumichi
CORPORATE SOURCE: Res. Inst., Mount Sinai Hosp., Toronto, ON, M5G 1X5, Can.
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1988), 85(18), 6914-18
CODEN: PNASA6; ISSN: 0027-8424
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Crosslinked IgM mols. expressed on the surface of immature B cells mediate responses that inhibit further development, in contrast to the activational and proliferative events that follow crosslinking of the μ heavy chain in mature B cells. Concomitant with this change in IgM signaling capacity is the appearance of surface IgD, which has been proposed to modulate the response elicited by the μ heavy chain. In an attempt to gain insight into the mechanism(s) by which surface IgM is able to generate such disparate responses, δ heavy chain gene transfectants of the murine B-cell lymphoma line WEHI-231 were established. WEHI-231 cells resemble phenotypically immature B cells, in addition to being highly susceptible to the growth-inhibitory effect of surface IgM crosslinking. Endogenous μ and exogenous δ heavy chains expressed on the surface of the transfectants were compared for their role in cell proliferation and on gene expression. The results indicate that the growth-inhibitory response is associated only with the μ heavy chain and that surface IgD does not mediate such a response. Furthermore, in contrast to IgM, IgD mols. appear to have an inductive effect on the expression of Myc and the endogenous μ and exogenous δ Ig heavy chain genes but not on the expression of the housekeeping gene encoding β2-microglobulin. Apparently, IgM and IgD are functionally distinct when expressed on the surface of an immature B cell.

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FILE 'MARPAT' ENTERED AT 09:56:28 ON 17 OCT 2007
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FILE CONTENT: 1961-PRESENT VOL 147 ISS 16 (20071012/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US   2007207949 06 SEP 2007
DE 102006007895 30 AUG 2007
EP      1826829 29 AUG 2007
JP   2007221039 30 AUG 2007
WO   2007101371 13 SEP 2007
GB      2435041 15 AUG 2007
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CA      2537669 24 AUG 2007

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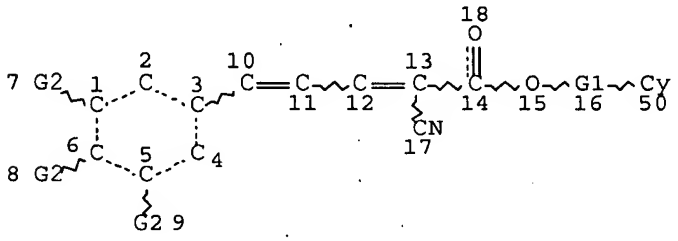

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STEREO ATTRIBUTES: NONE
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L10 ANSWER 1 OF 6 MARPAT COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 146:212257 MARPAT Full-text
TITLE: Use of merocyanine derivatives as stabilizers for

body-care and household products
INVENTOR(S): Wagner, Barbara; Reich, Oliver
PATENT ASSIGNEE(S): Ciba Specialty Chemicals Holding Inc., Switz.
SOURCE: PCT Int. Appl., 85pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007014848	A2	20070208	WO 2006-EP64388	20060719
WO 2007014848	A3	20070503		

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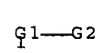
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

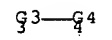
PRIORITY APPLN. INFO.: EP 2005-107026 20050729
EP 2006-100600 20060119

AB Desribed is the use of specific merocyanine derivs. for protecting body-care and household products from photolytic and oxidative degradation These compds. perform outstanding UV absorber properties.

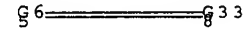
MSTR 1B



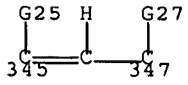
G2 = 3



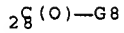
G4 = 5



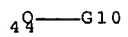
G6 = 345-3 347-8



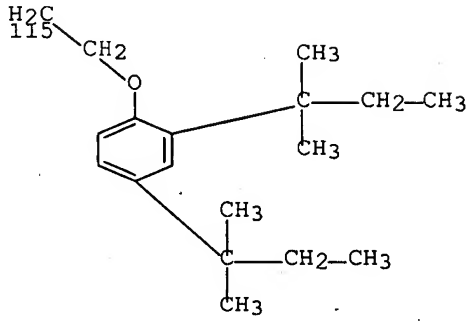
G7 = CN / 28



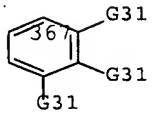
G8 = 44



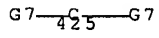
G10 = 115



G25 = 367



G33 = 425



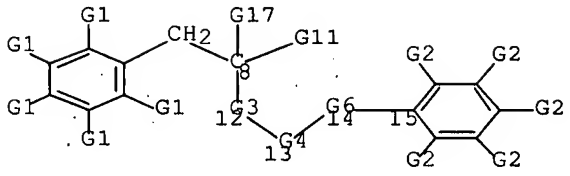
Patent location: claim 1
Note: additional ring formation also claimed
Note: additional substitution also claimed

L10 ANSWER 2 OF 6 MARPAT COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 143:179662 MARPAT Full-text
TITLE: Pharmaceutical composition comprising hydroxylphenyl derivatives of rosmarinic acid for cancer treatment
INVENTOR(S): Won, Jonghwa; Hur, Yun-Gyoung; Kim, Sung-Joo; Park, See-Hyoung; Park, Doohong
PATENT ASSIGNEE(S): Mogam Biotechnology Research Institute, S. Korea
SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005072723	A1	20050811	WO 2004-KR1597	20040630
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
KR 2005078743	A	20050808	KR 2004-6548	20040202
PRIORITY APPLN. INFO.:			KR 2004-6548	20040202

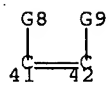
AB The present invention relates to a pharmaceutical composition for cancer treatment containing hydroxylphenyl derivs. of rosmarinic acid as an effective ingredient. Hydroxylphenyl derivs. of rosmarinic acid of the present invention strongly induce apoptosis of T-cell derived leukemia cells and even B-cell derived leukemia cells expressing Lck abnormally. However, they do not elicit apoptosis of other cell lines originated from B-cells and monocytes, which usually do not express Lck. While hydroxylphenyl derivs. of rosmarinic acid of the present invention do not induce apoptosis of peripheral blood mononuclear cells from healthy donors, they induce apoptosis of peripheral blood mononuclear cells from leukemia patients. When hydroxyl groups in the Ph rings of rosmarinic acid are eliminated or masked, the apoptotic activity is removed, indicating that hydroxyl groups of Ph rings located in both ends of rosmarinic acid are indispensable for apoptosis. Thus, an injectable solution was prepared containing hydroxylphenyl derivative of rosmarinic acid 1 g, sodium chloride 0.6 g, ascorbic acid 0.1 g and distilled water. Hydroxylphenyl derivative of rosmarinic acid effectively destroyed T -cell leukemia cell lines (Jurkat, H9, CCRF-CEM) and B-cell leukemia cell line, BCL-1, expressing Lck abnormally, showing ED50 of 12 μM. Hydroxylphenyl derivative of rosmarinic acid also killed other leukemia cell lines not expressing Lck. Hydroxylphenyl derivs. of rosmarinic acid of the present invention are expected to induce apoptosis of cancer cells but not normal cells, so that they can be effectively used for preventing and treating cancers.

MSTR 1



G3 = O
G4 = 37

G5 = O
G6 = G7 / G10
G7 = (0-2) 41-13 42-15



G8 = CN
G10 = (0-2) CH2
Patent location: claim 1

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 6 MARPAT COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 142:113707 MARPAT Full-text
TITLE: A preparation of cinnamaldehyde derivatives, useful for the preparation of α,β-unsaturated cyanoester and cyanoamide compounds
INVENTOR(S): Ruha, Olivier; Oswald, Thomas
PATENT ASSIGNEE(S): Lymphosign Inc., Can.
SOURCE: PCT Int. Appl., 35 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005000777	A2	20050106	WO 2004-IB2153	20040629
WO 2005000777	A3	20050414		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

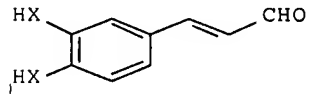
CH 696238	A5	20070228	CH 2003-1149	20030630
CA 2529086	A1	20050106	CA 2004-2529086	20040629
US 2005033090	A1	20050210	US 2004-880430	20040629
EP 1638912	A2	20060329	EP 2004-737208	20040629

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK

PRIORITY APPLN. INFO.: CH 2003-1149 20030630
WO 2004-IB2153 20040629

OTHER SOURCE(S): CASREACT 142:113707

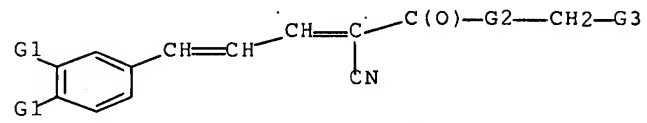
GI



I

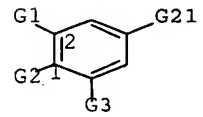
AB The invention relates to a preparation of cinnamaldehyde derivs. of formula I [wherein: X is O or NH], useful for the preparation of α,β-unsatd. cyanoester and cyanoamide compds. For instance, cinnamaldehyde derivative (E)-I (X = O) was prepared from 5-Bromo-2,2-dimethyl-1,3-benzodioxole and 2-vinyl-1,3-dioxolane via Heck reaction and subsequent cleavage with overall yield of 33%.

MSTR 4

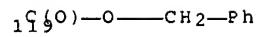


G1 = OH
G2 = O
G3 = Ph (opt. substd.)
Patent location: claim 18
Note: substituion is restricted

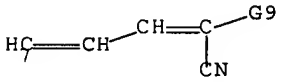
MSTR 6



G9 = 119



G21 = 7

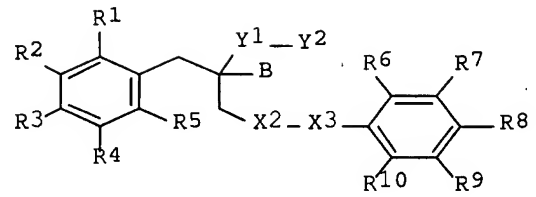


Patent location: claim 21
Note: substitution is restricted
Note: also incorporates claim 31, structure VIII

L10 ANSWER 4 OF 6 MARPAT COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 139:350938 MARPAT Full-text
TITLE: Preparation of N-cinnamoyl-DOPA esters and related compounds as T lymphocyte inhibitors
INVENTOR(S): Won, Jongwha; Lee, Keunhyeung; Park, Seehyoung; Kim, Sung-Joo; Yun, Su-Young; Kang, Mi-Ae; Hur, Yun-Gyoung; Youn, Jeehee; Yun, Yungdae; Park, Doohong; Oh, Jaetaek
PATENT ASSIGNEE(S): Mogam Biotechnology Research Institute, S. Korea
SOURCE: PCT Int. Appl., 109 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003089405	A1	20031030	WO 2003-KR751	20030414
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004082664	A1	20040429	US 2003-411772	20030411
AU 2003221144	A1	20031103	AU 2003-221144	20030414
EP 1499585	A1	20050126	EP 2003-715837	20030414
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
CN 1646480	A	20050727	CN 2003-808343	20030414
JP 2005522523	T	20050728	JP 2003-586126	20030414
PRIORITY APPLN. INFO.:			KR 2002-20481	20020415

GI



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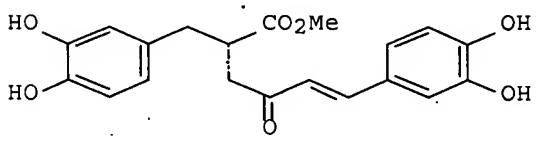
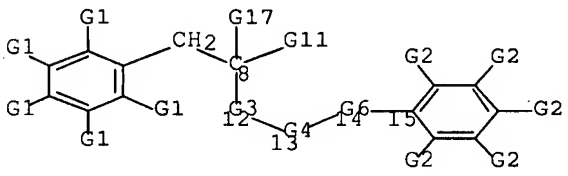


II

AB Title compds. I [R1-R10 = H, OH, halogen, alkoxy, CHO, CO2H, NH2, CF3, NO2, ≥ 1 of R1-R5 and R6-R10 = OH; X1 = O, S, NH, NMe, NEt, NHNH; X2 = CH2, CO, CS, CONH; X3 = bond, (un)substituted CH:CH, CH:CHCH:CH, CH2, CH2CH2; Y1 = H, CH2, CO, CS, alkyl, amino, 3-methyl-1,2,4-oxadiazol-5-yl, 3-benzyl-1,2,4-oxadiazol-5-yl; Y = absent, (un)substituted NH2, OH, SH; B = H, alkyl] were prepared as inhibitors of the activation of T lymphocytes by the src homol. region 2(SH2) domain of T lymphocyte (lck), useful for the treatment, prevention and/or diagnosis of graft rejection, autoimmune diseases, inflammatory diseases, etc. Thus, D-DOPA was converted to its Me ester and treated with caffeic acid to give the amide II which inhibited the binding of the lck SH2 domain with its cognate peptide < 10μM.

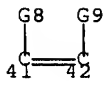
MSTR 1



G3 = O
G4 = 37

G5 = O

G6 = G7
G7 = (0-2) 41-13 42-15



G8 = CN
Patent location: claim 1

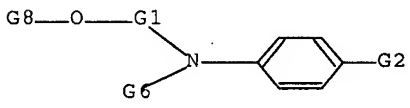
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 6 MARPAT COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 121:95567 MARPAT Full-text
TITLE: Photocrosslinkable materials usable as green or blue laser sources and frequency doubler comprising them
INVENTOR(S): Le Barny, Pierre; Muller, Sophie; Lemoine, Vincent; Dubois, Jean Claude
PATENT ASSIGNEE(S): Thomson-CSF, Fr.
SOURCE: Eur. Pat. Appl., 22 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

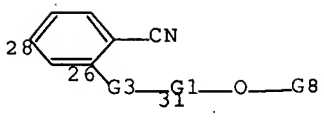
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 567378	A1	19931027	EP 1993-400997	19930416
R: DE, GB, NL				
FR 2690446	A1	19931029	FR 1992-4924	19920422
PRIORITY APPLN. INFO.:			FR 1992-4924	19920422

AB These stable materials comprise a polymer containing a photocrosslinkable group, and a small active mol. having ≥2 photocrosslinkable functions identical to that of the polymer. A frequency doubler uses these materials and permits green or blue laser sources to be obtained.

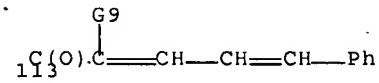
MSTR 6



G1 = (2-5) CH2
G2 = 28



G3 = O
G8 = 113

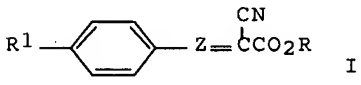


G9 = CN
Patent location: claim 4

L10 ANSWER 6 OF 6 MARPAT COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 119:138910 MARPAT Full-text
TITLE: Preparation of α-cyanocinnamic acid esters as nonlinear optical materials
INVENTOR(S): Hidaka, Takahiro; Hayashi, Hideki; Nakatani, Hiroyuki
PATENT ASSIGNEE(S): Sekisui Chemical Co. Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05058980	A	19930309	JP 1991-314866	19911128
PRIORITY APPLN. INFO.:			JP 1990-331197	19901128
			JP 1991-147148	19910619
			JP 1991-147149	19910619

GI

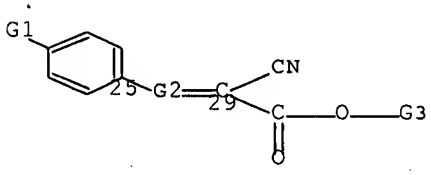


I

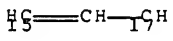
AB The title compds. [I; R = CHEtMe, CHMe(CH2)5Me, CHMePh; R1 = NH2, NMe2, NHAc; Z = CH:, CH:CHCH], which have good stability at room temperature, excellent stability against light, show large second harmonic generation (SHG) activity and fluorescence, and are also useful as organic luminescent materials and laser dyes, are prepared I can form single crystals lacking an inversion center of symmetry. Thus, esterification of NCCH2CO2H with (S)-sec-Bu alc. in the presence of H2SO4 in CH2Cl2 and condensation of the resultant (S)-sec-Bu

cyanoacetate with p-aminobenzaldehyde monomer in the presence of piperidine in refluxing benzene gave (S)-methylpropyl 2-cyano-3-(4-aminophenyl)-2-propenoate (II). When finely powdered crystals of II were irradiated with YAG laser, the SHG efficiency was comparable to that of urea, and green light of 532 nm with 1/2 the wavelength of the incoming light was observed Addnl. 6 I were prepared and tested for SHG.

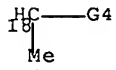
MSTR 1



G1 = NH2
G2 = 15-25 17-29



G3 = 18



G4 = Ph
Patent location: claim 1

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(FILE 'HOME' ENTERED AT 09:31:41 ON 17 OCT 2007)

FILE 'REGISTRY' ENTERED AT 09:31:58 ON 17 OCT 2007
L1 STR
L2 0 SEA SSS SAM L1
L3 5 SEA SSS FUL L1
D SCA

FILE 'CAPLUS' ENTERED AT 09:43:32 ON 17 OCT 2007
L4 4 SEA ABB=ON PLU=ON L3

FILE 'BEILSTEIN' ENTERED AT 09:43:37 ON 17 OCT 2007
L5 0 SEA SSS SAM L1
L6 0 SEA SSS FUL L1

FILE 'MARPAT' ENTERED AT 09:48:26 ON 17 OCT 2007

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L8              8 SEA SSS FUL L1
L9              8 SEA ABB=ON  PLU=ON  L8/COM
L10             6 SEA ABB=ON  PLU=ON  L9 NOT L4

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L11           104 SEA ABB=ON  PLU=ON  ("ROIFMAN C"/AU OR "ROIFMAN C M"/AU OR
                "ROIFMAN CHAIM"/AU OR "ROIFMAN CHAIM M"/AU)
                E DEMIN P/AU
L12           101 SEA ABB=ON  PLU=ON  ("DEMIN P"/AU OR "DEMIN P A"/AU OR "DEMIN
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                 OR "DEMIN PETER M"/AU OR "DEMIN PETR M"/AU)
                E GRUNBERGER T/AU
L13            29 SEA ABB=ON  PLU=ON  ("GRUNBERGER T"/AU OR "GRUNBERGER THOMAS"/A
                U OR "GRUNBERGER TOM"/AU)
                E ROUNOVA O/AU
L14            13 SEA ABB=ON  PLU=ON  ("ROUNOVA OLGA"/AU OR "ROUNOVA OLGA B"/AU)

                E CIMPEAN O/AU
L15             2 SEA ABB=ON  PLU=ON  "CIMPEAN OCTAVIAN LAURAND"/AU
L16           209 SEA ABB=ON  PLU=ON  (L11 OR L12 OR L13 OR L14 OR L15)
L17            45 SEA ABB=ON  PLU=ON  L16 AND ?PROLIF?
L18            44 SEA ABB=ON  PLU=ON  L17 AND ?CELL?
L19             8 SEA ABB=ON  PLU=ON  L18 AND ?MODULAT?
L20             8 SEA ABB=ON  PLU=ON  L18 AND ?MODUL?
L21             3 SEA ABB=ON  PLU=ON  L4 AND L20
L22             4 SEA ABB=ON  PLU=ON  L4 OR L21
L23             5 SEA ABB=ON  PLU=ON  L20 NOT L21

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                D L22 IBIB ABS HITSTR TOT
                D QUE L23
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